

SINCE 1908
wessels
company

SUBMITTAL

TYPE: T-STYLE SAFETY CELL NON-ASME
THERMAL EXPANSION TANK

MODELS: T-5 thru T-325V

Submittal Sheet No. T-3546

Date: 11-01

JOB _____

Wessels Representative _____

Unit Tag No. _____

Order No. _____ Date _____

Engineer _____

Submitted By _____ Date _____

Contractor _____

Approved By _____ Date _____

DESCRIPTION

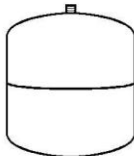
Wessels T-style Safety-Cell® tanks are non-ASME diaphragm type pre-charged thermal expansion tanks specifically designed for the protection of potable hot water systems. The tank is designed for installation between the backflow preventer and the water heater to accept expanded potable hot water, keeping system pressures below relief valve settings. The water is contained in a fully lined Epitaxial® water reservoir with a butyl diaphragm separating the stored expanded water from the vital air cushion.

CONSTRUCTION

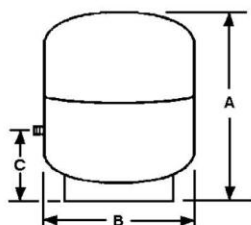
Shell: Carbon steel
Diaphragm: Double Clamped Butyl (FDA Approved)
Liner: Epitaxial®
Finish: Urethane exterior
System Connection - Stainless Steel

PERFORMANCE LIMITATIONS

Maximum Design Temperature: 210°F
Maximum Design Pressure: 150 PSI
Factory pre-charged: 40 PSI



Model Number	M.W.P. (p.s.i.g.)	Capacity (gal.)		System Connection (in.)	Dimensions		Approx. Weight (lbs.)	Qty. Required
		Tank Volume	Accept. Volume		Diameter (in.)	Height (in.)		
T-5	150	2.1	1.3	3/4	7.9	10.8	5	
T-12	150	4.8	2.9	3/4	10.6	13.7	9	
T-25	150	9.3	5.5	1	11.8	15.4	18	
T-30	150	13.2	7.8	1	15.0	21.0	23	



Model	MWP (psig)	Total Vol. Gallons	Accept. Vol. Gallons	System Conn.	A	B	C	Wt. (Lbs.)	QTY REQ.D
T-42V	150	21	15	1"	23.6	17.7	7 3/4	33	
T-60V	150	40	28	1-1/4"	35.2	19.7	8	60	
T-80V	150	53	37	1-1/4"	33.9	23.6	9	81	
T-180V	150	79	56	1-1/4"	44.7	24.8	9 1/2	105	
T-260V	150	106	74	1-1/4"	57.1	24.8	9 1/2	145	
T-325V	150	132	93	1-1/4"	53.1	29.5	11	190	

HEADQUARTERS & FACTORY:
101 TANK ST. • GREENWOOD, IN 46143
TEL: 317-888-9800 • ORDER FAX: 317-888-9988
GEN. INQUIRY FAX: 317-865-7411
www.westank.com